



# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० ३८]

नई दिल्ली, शनिवार, सितम्बर १८, १९७१ ( भाद्र २७, १८९३ )

No. 38]

NEW DELHI, SATURDAY, SEPTEMBER 18, 1971 (BHADRA 27, 1893)

हस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड २

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस  
Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

28th August 1971

132696. Head of the Department of Space Engineering and Rocketry, Birla Institute of Technology, Mesra, Ranchi (Bihar). A lighter for oil furnaces.
132697. Universal Oil Products Company. A process for treating a water stream containing a water soluble sulfite compound.
132698. Swiss Aluminium Ltd. Electrolytic cells for manufacture of aluminium.
132699. Swiss Aluminium Ltd. Electrolytic cells for manufacture of aluminium.
132700. G. J. Alves. Battery condition indicator.
132701. Meiji Seika Kaisha, Ltd. Preparation of saponin-bearing ginseng drug.

30th August 1971

132702. Lamson Industries Limited. Duplicating systems. (4th November 1970).
132703. E. L. G. D. Connick. Improved steering stabilizer for wheeled vehicles. (9th September 1970).
132704. Robin Dutta. Electrically operated two ways sliding lever.
132705. Braun Aktiengesellschaft. Piezoelectric igniter.
132706. Braun Aktiengesellschaft. Piezo electric igniter.
132707. J. K. Tugnait, V. Kumar, A. K. Gupta. An electronic safeguard against direct trunk dialling.
132708. Sandoz Ltd. Finishing process.
132709. K. F. Mistry. An improved clamp.

247/71

132710. K. F. Mistry. A universal clamp

132711. C. M. Chang. Adhesive plastic tape with ragged surface.

31st August 1971

132712. A. K. Mahodaya. Improvements in or relating to water level controller with guard.
132713. A. K. Mahodaya. Improvements in or relating to electric time switches.
132714. A. K. Mahodaya. Improvements in or relating to single phasing preventers.
132715. Council of Scientific and Industrial Research. Preparation of adherent rubber electrodeposits over aluminium from natural rubber latex.
132716. Council of Scientific and Industrial Research. Improvements in or relating to the electrolytic production of glyoxylic acid.
132717. K. B. Desai and W. Scholle. Improvement in or relating to furfural—soil conditioner manufacturing process.
132718. J. J. Gandhi. Improvements in or relating to self-grip milling tool.
132719. S. F. Irani. Swinging bottle.
132720. V. S. Satyanarayanan. Considerably extending the current average service life of compressors, internal combustion engines—hydraulic or pneumatic cylinders, accumulators or other apparatus.
132721. V. S. Satyanarayana. Retarding the wear on the compression rings of compressors and internal combustion engines and incidentally wear on the pistons and cylinder walls.
132722. V. S. Satyanarayana. Reducing uneven wear around the periphery of cylinder walls and piston rings used in compressors and internal combustion engine and there by minimising metal removal whilst remachining the bores of cylinders during overhaul of the equipment.

132723. V. S. Satyanarayana. Effectively controlling the access of excessive lubricant to the working chambers of compressors and internal combustion engines, despite wear beyond the limits acceptable in current practice on the working components such as pistons, oil rings, compression rings and cylinder walls.
132724. The British Oxygen Company Limited. Discharging liquefied gas. (3rd September 1970).
132725. FMC Corporation. Butterfly valve seat. [Addition to No. 612892] [Divisional date 20th July 1970].
132726. The Upjohn Company. Novel 1-substituted 6-phenyl-4H-s-triazolo [4, 3-a] [1, 4] benzodiazepines and a process for the production thereof.
132727. Treadwell Corporation. Distillation process and apparatus with integral heat transfer between rectifying and stripping sections.
132728. Ugene Kuhlmann. Process for preparing azines. (26th May 1971).
132729. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of polyolefins.

1st September 1971

132730. B. Sinha. Air engine.
132731. Kalyan Kumar Banerjee. Improvements in or relating to concrete decks.
132732. V. Bandstahlkombinat. Method and device for shaft seal, preferably intended for agitators.
132733. RCA Corporation. Method for making transistors including base sheet resistivity determining step.
132734. Brico Engineering Limited. Fuel injection systems. (7th September 1970).
132735. Colgate-Palmolive Company. Liquid detergent.
132736. USS Engineers and Consultants, Inc. Method for preventing high-temperature blistering of copper coating electro-deposited on copper substrates.
132737. Girling Limited. Improvements in and relating to automatic adjusters. (2nd September 1970).
132738. The Firestone Fire & Rubber Company. Tire and method of building same.
132739. K. N. Rastomjee. Improvements in and relating to photographic processing apparatus or like.
132740. P. S. Suri. Automation chapati making machine.
132741. Svenska Cellulosa Aktiebolaget. Method of recovering chemicals in waste liquors and arrangement for carrying out the method.
132742. V. Berthelsen Industrial Commercial Co. A/S. Food supplement.
132743. The Wheelabrator Corporation. Regulating valve for magnetic materials.
132744. A. E. Staley Manufacturing Company. Soybean fractionation by solvent extraction.
132745. Stotz & Co.. Method of producing a stiffening ply for parts of articles of clothing and stencil therefor.
132746. N. V. Philips' Gloeilampenfabrieken. Improvements relating to ferrite cores. (2nd September 1970).
132747. American Cyanamid Company. 6-(aminophenyl)-2, 3, 5, 6-tetrahydro [2, 1-b] thiazoles.
132748. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for wet grinding of pigments.
132749. Sankyo Company Limited and Ube Industries Ltd. N-substituted tetrachlorophthalamic acid derivatives, process for the preparation thereof and their use as agricultural chemicals.

2nd September 1971

132750. Imperial Chemical Industries Limited. Leucauramine derivatives. (4th September 1970).
132751. Imperial Chemical Industries Limited. Split-reproducing carbon papers. (4th September 1970).

132752. Imperial Chemical Industries Limited. Leucauramine derivatives. (4th September 1970).
132753. Imperial Chemical Industries Limited. Leucauramine derivatives. (4th September 1970).
132754. International Business Machines Corporation. Electrophotographic developer composition.
132755. Hindustan General Electric Corporation Limited. Fuse bridges.
132756. Merck & Co., Inc. Phenyl acetic acid compounds and processes for preparing same.
132757. Alrac Corporation. Shaped articles from nylon-4.
132758. Alrac Corporation. Polymers of 2-pyrrolidone. [Addition to No. 128333].
132759. Takeda Chemical Industries, Ltd. Process for producing citric acid.
132760. B. N. Maloo. Improvements in or relating to ballpens and the like.

3rd September 1971

132761. Council of Scientific and Industrial Research. Improvements in or relating to anodic phosphating.
132762. Council of Scientific and Industrial Research. Production of isobutyraldehyde from isobutylalcohol.
132763. Council of Scientific and Industrial Research. Improvements in or relating to an earth auger.
132764. K. Mohan. Capacitive discharge ignition unit.
132765. John Wyeth & Brother Limited. Pharmaceutical compositions. (3rd September 1970).
132766. Universal Oil Products Company. Improved hydrocarbon separation process. [Addition to No. 121991].
132767. Vandervell Products Limited. Improvements in or relating to methods of manufacturing flanged bearings. (25th September 1970).
132768. The Norwich Pharmacal Company. Pharmaceutical compositions.
132769. Buckman Laboratories, Inc. Tertiary aminohydroxy-alkyl esters of carboxylic acid polymers, their preparation and use.
132770. N. V. Philips Gloeilampenfabrieken. Delay device.
132771. N. V. Philips Gloeilampenfabrieken. Delay device.
132772. N. V. Philips Gloeilampenfabrieken. Delay device.
132773. I. I. Abraham. System of doubling the yarns.
132774. Bjkash Banerjee. A cheap roofing material.
132775. Dr. S. K. Sanghani. By a gearless device which increases or double the speed of bicycle.
132776. A. S. Tongaonkar. Angle measuring instrument.
132777. D. N. Pawar. Folding hanger.

#### Alteration of Date

132149. Ante-dated to 11th February 1970 under Section 5 of the Act.
132324. Ante-dated to 10th November 1969 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

123976. The Battelle Development Corporation. Method of making high-density sintered metal. [Addition to No. 116096]. Accepted on 10th August 1971.

*Comprising providing a compactable agglomerate of a particulate metal compound mixed with a plasticizer or binder, said metal compounds being characterized by having a standard free energy of reaction with hydrogen to form elemental metal of less than + 15 kilocalories per gram atom of hydrogen and at least 35 per cent by weight of the particulate metal compound having a particle size of less than 10 microns, compacting said agglomerate, exposing the compact to a reducing environment and heating the compact to effect sintering.*

124162. Emhart Corporation. Article transfer apparatus. Accepted on 25th August 1971.

*From a first conveyor to a second conveyor and comprises an endless carrier chain, a pair of sprockets, a dead plate a guide bar and means for confining said chain portion to move in a generally arcuate path.*

124171. Tractel Tirfor India Private Limited. Improved traction and hoisting apparatus. Accepted on 26th August 1971.

*Comprises two clamps with their respective levers connected to a release control lever, links, pivoting arm with a spring and a latching element to provide additional safety infaulty operation.*

124189. Rohm and Haas Company. 3, 5-disubstituted benzamides. Accepted on 26th August 1971.

*Comprising preparing by known methods the starting compounds being corresponding 3, 5 disubstituted compounds.*

124190. Rohm and Haas Company. Herbicidal compositions. Accepted on 26th August 1971.

*Comprising N-(1, 1-dimethyl propyl)-3, 5-disubstituted benzamides in addition with solid diluents, additives or other herbicides.*

124193. Hayashibara Company. Process for producing maltoses from starches. Accepted on 26th August 1971.

*Comprising the steps of (1) completely gelatinizing and dissolving an aqueous suspension of a starch by heating (2) cooling the solution and admixing an  $\alpha$ -1-6 glucosidase and amylase and (3) thereafter holding the reaction mixture with a suitable pH value at a temperature between 45° and 65°C.*

124244. Chemagro Corporation. A peanut yield increasing composition. Accepted on 1st September 1971.

*A peanut yield increasing composition comprising as the active ingredient at least one trihalobenzotic acid and a usual carrier or diluent therefor.*

124306. Dr. Aswini Kumar Mohanty. A pressure transducer cum-engine indicator for static and dynamic measurements and recording at high and low temperatures. Accepted on 2nd September 1971.

*Comprising a cylinder piston assembly, an electrical filter element, and an electronic time base circuit for static and dynamic pressure measurements at low, normal and high temperatures.*

124316. Matsushita Electronics Corporation. Pressure sensitive semiconductor device and a method of manufacturing same. Accepted on 28th August 1971.

*Comprising forming a semiconductor layer having opposite conductivity to a semiconductor substrate depositing a metal film on the surface of the semiconductor layer, deposit an ohmic metal elec-*

*trode or semiconductor region and a metal stem base.*

124324. Imperial Chemical Industries Limited. Manufacture of oipyridylum salts. (20th December 1968). [Addition to No. 98802]. Accepted on 2nd September 1971.

*Comprises treating the corresponding 1-1' dialkyl or 1,1' dicarbamyl alkyl tetrahydrobipyridyl with an organic compound which has a redox potential in water more positive than -1.48 volt as compared with the saturated calomel electrode and which react with the hydride ion with the formation of an anion.*

124326. Landis Machine Company. Apparatus for forming gear teeth in a workpiece. Accepted on 28th August 1971.

*Comprising means supporting workpiece on the bore for rotation about a predetermined axis, means supporting first and second dies at opposite sides of the workpiece for rotation about axes essentially coplanar with the axis of the workpiece, the dies having peripheral gear forming profiles, means for relatively moving the workpiece and the dies to bring the dies into forming engagement with the workpiece under pressure.*

124358. E. G. Rensch. Structure consisting of prefabricated parts. Accepted on 2nd September 1971.

*Comprising the columns which are six armed and star shaped in cross section, a pair of horizontal beams attached to the column arms in triangular grid arrangement, supporting junctions at the junction points of the beams in the form of six armed bars, and section members on the foundation to adjust the columns, and column enclosing elements engaging in the interior of the column core.*

124401. B. K. R. R. Sharma. Direct-trunk device. Accepted on 1st September 1971

*Comprising dial disc, cradle switch to operate latch relays in a pre-determined fashion.*

124722. G. Naderer and R. Singh. Process for making prestressed concrete products. Accepted on 3rd September 1971.

*Winding steel wires around a tapered core, anchoring the wires at both ends of the core to anchor plates existing stress by a jack between end of one of the anchor plates and the core, locking the anchor plates, placing the entire unit in a mould; filling the mould with concrete and vibrating an allowing to cure, removing the mould, unlocking the anchor plates, cutting the wires and with drawing the core and the anchor plates.*

125093. J. D. Hassija. Improvements in or relating to trolley or barrow wheels. Accepted on 1st September 1971.

*Comprising a steel section body with conical cavities with broader base and narrower top on its rim on which a tyre is mounted by moulding or bolting.*

125381. Monsanto Company. Grass selective herbicide composition. Accepted on 20th August 1971.

*An emulsion, suspension or dispersion comprising as active ingredient a compound 2', 6'-diethyl-N-butoxy methyl- $\alpha$ -chloroacetanilide in admixture with one or more carriers in the presence of an emulsifying agent.*

125441. The Dunlop Company Limited. Improvements in connecting members particularly for drilling rods. Accepted on 24th August 1971.

*Comprising a rigid outer sleeve having an inner lining of polyurethane or other flexible material having a high shear strength and resistance to abrasion.*

125446. E. I. du Pont Nemours and Company. A coating composition containing novel polymer having pendant amino acrylate groups. Accepted on 24th August 1971.

- Comprises 5-60% by weight of a polymer blend and 95-40% by weight of a solvent, in which the blend consists essentially of 95% by weight of an acrylic vinyl oxazoline ester polymer and 95-5% by weight of a resin selected from the group consisting of an alkyl resin and an acrylic resin.
125454. Mitsubishi Electric Corporation and Shinwa Sangyo Company Limited. A belt power transmission device. Accepted on 24th August 1971.
- Comprising a drive and driven shaft both having a fully rotatable therewith a pair of intermediate pulleys rotatable with a common intermediate shaft and connected by belts with the drive and driven shaft pulleys, said intermediate pulley shaft being displaceable toward or away from the drive and driven shafts.
125463. L. B. Holliday & Co., Limited. Process for dyeing synthetic fibres other than polyesters. (8th September 1969). [Addition to No. 125462]. Accepted on 24th August 1971.
- Comprises applying to the fibres a dispersion of a dyestuff of the general formula specified in drawings, in which R and R<sub>1</sub> represent hydrogen, lower alkyl, alkoxy, acyl, acyloxy or halogen and X and X<sub>1</sub> may be hydrogen, hydroxy or halogen.
125501. Toho Beslon Co., Ltd. A continuous wet spinning method of producing useful filamentary materials of an acrylonitrile copolymer. Accepted on 27th August 1971.
- Comprises stretching aquagel filamentary material obtained by spinning acrylonitrile copolymer solution in a coagulating bath, continuously drying and then stretching and relaxing under tension of 2mg per denier.
125526. Československa Akademie Ved. An insecticide with juvenile hormone activity and a process of its preparation. Accepted on 2nd September 1971.
- Comprises using Kolbe anodic synthesis with *t*-butyl acetic or propionic acid and  $\alpha$ ,  $\beta$ -alkyl glutaric acid half-ester, saponifying the resulting ester, subjecting the acid obtained to Kolbe anodic synthesis either with 5-alkoxy carbonyl-4-methyl 4-pentenoic acid or with the half ester of  $\beta$ -hydroxy  $\beta$  methyl glutaric acid, and dehydrating the product.
125527. Harbans Lal Malhotra & Sons Private Limited. Improvements in relating to razor blades. Accepted on 2nd September 1971.
- Surface region of at least the cutting edge is coated with an oxide of chromium.
125540. Tovarna Motornih Vozil "Tomos". Starting and driving mechanism for motors with internal combustion. Accepted on 2nd September 1971.
- Comprising a centrifugal clutch and a non-return snapping device and an one-speed or more speed gear box, and having a driving shaft with pedals where the said shaft is mounted in parallel with the motor shaft.
125541. Standard Telephones and Cables Limited. A method of automatically loading bobbins onto a cable stranding machine. (16th April 1969). Accepted on 1st September 1971.
- Having a bobbin carriage rotatable about its main axis, a transfer device being positioned between the stranding machine and the storage rack and movable in a direction right angle to the main axis.
125574. Aluterv Aluminiumipari Tervezo Vallalat. Busher system for electrolysis cells. Accepted on 2nd September 1971.
- Having an anode, a cathode, main cathode collector metal bars and main anode collector bars, the cells being connected electrically by means of ascending anode bars and cathode collector bar sections wherein the cathode collector bar sections are located below the cathode.
125626. Takeda Chemical Industries, Ltd. Herbicides. Accepted on 28th August 1971.
- Comprises of 2-(2-chlorobenzylthio)-5-ethyl-1,3,4-oxadiazole and 2,4-dichlorophenoxy acetic and ethyl ester.
125627. A. B. Inva. Process and device for removal of slag from metallurgical containers. Accepted on 3rd September 1971.
- Characterized in that the nozzle end of suction pipe is made to slope so that the molten metal which may possibly have been sucked in a separated from the slag and flow back.
125640. Aerpat A. G. Manually operable tool for installing blind anchor nuts. Accepted on 28th August 1971.
- Comprises a body member having a bore extending there through; an annular anvil at one end of the bore; a grip for holding the body member, an interchangeable mandrel; and a shaft rotatable and reciprocable in the bore of the body member.
125658. N. V. Philips Gloeilampenfabrieken. Semiconductor device having an integrated pulse gate circuit and method of manufacturing said device. Accepted on 28th August 1971.
- Comprising a semiconductor body with an island shaped region surrounded by a first region and forming a p-n junction, a surface zone surrounded by the island-shaped region and forming second p-n junction, and with a capacitor and resistor.
125661. Sandoz Ltd. Process for the production of reactive, water soluble metal complex compounds. Accepted on 28th August 1971.
- A compound—reacting one mole of a metal complex of 1-(2'-hydroxy-4'-sulpho-6'-aminonaphthyl) - 5-(2''-hydroxy-5''-sulphophenyl)-3-formeazyl-carboxylic acid - (6''-sulphonaphthyl-1''-amide) with 1 mole of polyfluoropyrimidine.
125676. Uss Engineers and Consultants, Inc. Digital edge position detector. Accepted on 31st August 1971.
- Providing trains of light pulses projected from one side of the strip and sweeping along a line transverse to the strip, and means for receiving those light pulses on the other side of the strip.
125820. Farbenfabriken Bayer Aktiengesellschaft. Ozone-resistant rubber. Accepted on 28th August 1971.
- Adding to rubber in ratio of 0.5—2.5 of micro crystalline paraffin and acetozone addition  $R_1X-CH=C_6H_4-R_2$ , R<sub>1</sub>, R<sub>2</sub> being 3—18 C-atom hydrocarbon, R<sub>2</sub>, R<sub>3</sub> are hydrogen or methyl and X is oxygen or sulphur.
125954. Cabot Corporation. Process for after treatment of carbon black suitable as printing ink pigment.
- Contacting a carbon black with a gaseous mixture comprising zone in synergistic combination with an oxide of nitrogen.
126701. V. K. Gilev, V. N. Evzlin, R. T. Sarkisov and E. A. Stepanyan. Method of manufacturing two concentric parts through die blanking of steel strips. Accepted on 28th August 1971.
- Simultaneously blanking a circular part and its central portions from a strip and an upper die, feeding the central portion downwards and letting it into the lower die and placing it onto the die matrix.
126131. Toho Beslon Co., Ltd. An improved method of using a zinc chloride aqueous solution in solution polymerization and spinning to produce acrylic fibre and purifying the solution. Accepted on 31st August 1971.
- Comprises purifying the zinc chloride solution by decomposing and removing the organic impurities contained in it with an oxidising agent prior to recycling of the said solution for solution polymerisation.

126151. Trico-Folberth Limited. Windscreen wiper assemblies. (28th April 1969). [Addition to No 121197]. Accepted on 28th August 1971.

*There is a windscreen wiper blade, a wiper arm, and a coupling pin, the blade and the arm both having respective receptors which extend transversely to the lengths of the blade and the arm, and both having respective first latching means.*

126199. Farbenfabriken. Bayer Aktiengesellschaft. 2-alkyl-4, 6- dinitrophenol derivatives, processes for their manufacture and insecticidal and acaricidal compositions containing the same. Accepted on 31st August 1971.

*Comprises reacting a 2-alkyl-4, 6-dinitrophenol with the appropriate  $\alpha$ -chloro ether or  $\alpha$ -chloro-imine.*

126288. Gebruder Ahle. A frustoconical spring. Accepted on 26th August 1971.

*Characterised in that the convolutions nest in each other under maximum load conditions in the form of a spiral and the wire thickness decreases in the diameter of the convolution becomes smaller.*

126293. Stamicarbon N. V. The preparation of mono-(2-cyanoethyl)-acetanimines and of 5-oxocapronitrile. Accepted on 1st September 1971.

*Process for preparing mono-(2-cyanoethyl) acetanimines comprising reacting acrylonitrile with an acetanimine in a ratio of at least 1.5 moles of acetanimine to 1 mol of acrylonitrile.*

126541. Sybron Corporation. Method for producing low-color, low-odor esters suitable for use as plasticisers. Accepted on 31st August 1971.

*Comprises esterifying acid and excess of alcohol in heated reaction vessel in presence of acid catalyst and water entraining agent, continuously removing water by product as azeotropic mixture with water entraining agent, and removing reaction product and separating ester formed by thin film evaporation.*

126616. Skelton-Thomas Limited. Convector plates for heat treatment furnaces. (13th May 1969). Accepted on 28th August 1971.

*Comprising a plurality of gas passages extending across each face of the plate.*

126734. Sandoz Ltd. New triazolylstyrl compounds process for their preparation and materials brightened therewith. Accepted on 1st September 1971.

*Characterised in reacting 4-(6'-phenylbenzoxazole-1,2')-phenyl acetic acid, 4-formyl-2-phenyl-1, 2, 3-triazole and piperidine.*

126770. Council of Scientific and Industrial Research. A process for the recovery of silver and gelatin from the waste, processed and or unexposed photographic films, plates, papers, cine films and X-Ray films or plates. Accepted on 28th August 1971.

*Comprises in releasing the silver and gelatin from base films by initial wetting with water followed by heating the films in aqueous hydrochloric acid medium (PH-4.0) at 80°C and subsequently precipitating silver and gelatin selectively from the obtained colloidal solution by means of single electrolyte aluminium sulphate.*

126842. Allied Chemical Corporation. Acid gas removal from gas mixtures. Accepted on 1st September 1971.

*Comprises contacting gaseous mixture to be purified with mixtures of dimethyl ethers of polyethylene glycols having an average molecular weight between 220 and 305.*

126892. The Wheelabrator Corporation. Apparatus for filtering suspended solids from gaseous medium and for removal of filter cake from filter elements. Accepted on 26th August 1971.

*The solids dislodged from the filter surface by the burst of high pressure jets and being capable of falling by gravity to a collecting section from which the solids are removed.*

126980. Sumitomo Chemical Company, Ltd. Novel 1, 2 propanediols, process for their preparation and herbicidal composition containing the same. Accepted on 1st September 1971.

*Reacting 3-halo, -1, 2-propanediol with Ar-OH wherein Ar is naphthyl phenyl or substituted phenyl group.*

127013. Metallgesellschaft Aktiengesellschaft. Method of processing minerals which contain ferro groups. Accepted on 28th August 1971.

*Precipitated iron constituent of the mineral is agglomerated and is recycled to the stage in which iron oxide contained with starting material is reduced to metallic iron.*

127314. S. T. Rao, A. C. Gautama, C. Narayana and B. R. Reddy. Improvements in or relating to the purification of salseed oil. Accepted on 1st September 1971.

*Treating raw oil with aqueous solution of nitric acid, sulfuric acid or a mixture of aqueous solutions of Phosphoric acid and sodium chlorite, at elevated temperature followed by alkali neutralization and bleaching.*

127339. Lonza Ltd. A supplement for animal feedstuffs. Accepted on 1st September 1971.

*Contains vinyl esters of saturated and unsaturated carboxylic acids as a feed supplement.*

127559. Hari Krishna Sharma. A fuel control device for use in automobiles and diesel locomotives. Accepted on 2nd September 1971.

*Comprises a two way spindle pivotably fixed inside the engine of the automobile adjacent to the carburettor on the fuel pump slide, said spindle having means for diverting the fuel back to the fuel tank but at open position of said spindle fuel supply to carburettor is resumed which automatically closes the fuel to the fuel tank.*

127903. Rhone-Poulenc S. A. New process for the preparation of 3-phenyl-5-t-butyl-2-oxadiazolones. Accepted on 2nd September 1971.

*Reacting a halozenonitrobenzene with an alkali metal salt of S-t-butyl-1,3, 4-oxadiazol-2-one, reducing the nitrogroup in the resulting product to a primary grouping and acting the diazonium compound with cuprous chloride.*

128027. The Metal Box Company Limited. Improvements in lids for circular containers. Accepted on 31st August 1971.

*Outer wall has a diameter such that the junction thereof with the bead can engage the top of mouth ring when the inner wall is fully inserted in the mouth ring and a peripheral flange extending laterally from the outer end of the outer wall.*

128046. Conch International Methane Limited. Storage arrangement for liquefied gas. (31st October 1969). Accepted on 31st August 1971.

*Comprising an uninsulated pressure tight roof structure and an insulated ceiling suspended from the roof structure comprising a number of insulated panels.*

128073. Hindustan Lever Limited. Preparation of paracyclic. Accepted on 28th August 1971.

*Comprises steps of chlorinating  $\Delta^3$ -carene with  $Cl_2$  to form 3, 4-dichloro carene (I) and dehydrochlorinating by heating upto 200°C.*

228172. William Stephen Schneider. Multiple-compartment package. Accepted on 31st August 1971.

*Characterized by a multiple-compartment package comprising a pair of overlying walls of thin flexible sheet material joined together each of said walls having a plurality of bonded layer and one wall having a release area.*

128298. Vitafoam Limited. Improvements in or relating to seating suspension. (11th September 1969). Accepted on 31st August 1971.

*Upon deformation of the sheet at least transversely of the rows, slots are caused to open up thus to form a lattice like arrangement and to allow of an increase in the size of the diaphragm.*

128549. Wiggins Teape Research & Development Limited. Receptor sheet for use in copying paper. Accepted on 1st September 1971.

*The colour reactant component carried on the receptor sheet comprises an inorganic material inert towards the colour former component, a metal salt derived from specified cations and anions and a binding agent to bond the colour reactant component to the sheet.*

128827. N. S. Shah. A removable attachment for a nipple for a wide mouthed baby feeding bottle. Accepted on 28th August 1971.

*Wherein the stopper having an axially disposed aperture of uniform bore closed at its upper end with a no return valve and provided at its lower end with an arrangement to receive a removable flexible tube of predetermined length.*

128846. Nippon Kokan Kabushiki Kaisha. Method of manufacturing seamless steel pipes. Accepted on 31st August 1971.

*Piercing a blank at a reduction rate of 75 to 85% by using a piercing machine which comprises rolls having flat gorges at the center there and a piercing plug provided with an annular recess on its outer periphery at portions corresponding to gorges.*

129005. P. L. Chakradeo. Automatic liquid flow indicator. Accepted on 25th August 1971.

*Comprising a magnet housed in a float connected to a fluid flow pipe and a steel strip placed below in a chamber and adapted to be pulled by the magnet when the flow in the pipe stops to complete a circuit to an indicator.*

129014. Farbenfabriken Bayer Aktiengesellschaft. Synergistic fungicidal combinations. Accepted on 1st September 1971.

*Comprises as active ingredients 4, 5, 6, 7-tetrachlorophthalide and an O-alkyl-s, s-diphenyl phosphorodithiolate above or in admixture with a diluent or a carrier.*

- 129102 C. H. Warman. Adjustable spigot for hydraulic cyclones and the like. Accepted on 31st August 1971.

*Comprising a replaceable sleeve; a separate annular pressure ring, said pressure ring having outwardly projecting end flanges and means for transferring fluid to or from said annular cavity*

129557. Stamicarbon N. V. Process for separating off melamine from a hot synthesis gas mixture which contains melamine vapour. Accepted on 3rd September 1971.

*Process for separating melamine from a hot synthesis gas mixture containing melamine, comprising contacting in a contacting zone the hot synthesis gas with a urea melt containing ammonium carbamate whereby the gas mixture is cooled by the endothermic decomposition of the said ammonium carbamate into ammonia and carbon dioxide to form a suspension of melamine in urea melt, and recovering melamine from the said suspension.*

132149. Burmah-Shell Oil Storage & Distributing Co., of India Limited. Apparatus for obtaining and dispensing a mixture of one liquid with another in a desired ratio. [Divisional date 11th February 1970]. [Addition to No. 132148]. Accepted on 28th August 1971.

*An improvement of that described and claimed in Indian patent application No. 132148 characterised by the provision of a plunger in the said vessel and means to operate said plunger by pneumatic pressure.*

132324. The Battelle Development Corporation. A method of making dense metal articles. [Divisional date 10th November 1969]. Accepted on 10th August 1971.

*Characterised by exposing said compact to a reducing environment consisting of a reducing gas consisting of one of the group of carbon monoxide or a mixture of carbon monoxide and hydrogen at a temperature that is below the sublimation as melting temperatures of the metal and metal compound and above the vaporisation or decomposition temperatures of all non-metal compounds present.*

132629. Emhart Corporation. Article transfer mechanism. [Divisional date 25th November 1969]. Accepted on 25th August 1971.

*The improvement comprises an endless carrier chain, a pair of sprockets, means for driving one of said sprockets said drive means including a drive over-load release device and means for adjustably positioning the driven sprockets.*

#### Opposition Proceedings

(1)

An opposition has entered by Morris Electronics Private Ltd. to the grant of a patent on application No. 122217 made by Council of Scientific & Industrial Research.

(2)

An opposition has been entered by Farbenfabriken Bayer A. G. to the grant of a patent on application No. 123334 made by National Distillers and Chemical Corporation.

(3)

An opposition has been entered by Packwell Industries Private Ltd. to the grant of a patent on application No. 123923 made by Master Packaging Service.

(4)

The opposition entered by The Metal Box Company of India Limited to the grant of a patent on application No. 121604 made by Aspi Rustomji Balsara as notified in Part III, Section 2 of the Gazette of India dated the 7th August 1971 has been dismissed.

#### Printed Specifications Published

\* A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

92142. 93379. 93558. 93607. 93692. 93700. 93733. 93736. 93748. 93784. 93807. 93811. 93821. 93925. 94032. 94077. 94152. 94370. 94388. 94410. 94447. 94865. 94903. 94914. 94916. 95012. 95081. 95095. 95104. 95112. 95115. 95121. 95132. 95155. 95162. 95175. 95193. 95207. 95209. 95219. 95221. 95224. 95303. 95351. 95362. 95614. 95707. 95712. 95787. 96197. 103560.

## (2)

91052, 93062, 93794, 93826, 94027, 94044, 94051, 94072  
 94082, 94094, 94098, 94105, 94116, 94175, 94177, 94219  
 94285, 94527, 94549, 94831, 94964, 95117, 95191, 95208  
 95215, 95226, 95348, 95364, 95365, 95387, 95393, 95427,  
 95428, 95456, 95462, 95475, 95496, 95 07, 95536, 95551  
 95556, 95564, 95567, 95600, 95630, 95 35, 95693, 95740  
 95765, 95803, 95835, 95840, 95877, 95 05, 96149, 96189,  
 96450,

## (3)

89105, 93825, 94158, 94183, 94185, 94194, 94236, 94243,  
 94266, 94279, 94299, 94317, 94318, 94333, 94334, 94355  
 94360, 94362, 94363, 94390, 94401, 94415, 94459, 94701  
 94830, 94863, 95106, 95220, 95469, 95 73, 95492, 95542  
 95573, 95613, 95623, 95638, 95639, 95 60, 95662, 95674  
 95677, 95678, 95689, 95694, 95695, 95696, 95698, 95700  
 95706, 95728, 95733, 95736, 95738, 95746, 95757, 95767,  
 95791, 95793, 95843, 95853, 95855, 95898, 95969, 95999  
 96004, 96053, 96055, 96120, 96284, 96811, 104195,

## Patents Sealed

77932, 117272, 117334, 119379, 119798, 120739, 120912,  
 120934, 121080, 121685, 121710, 121785, 121852, 122317,  
 122318, 122706, 122793, 122902, 123167, 123168, 123265,  
 123337, 123353, 123375, 1223376, 123377, 123400, 123401,  
 123404, 123445, 123454, 123483, 123501, 123536, 123542,  
 123593, 123656, 123657, 123662, 123696, 123737, 123740,  
 124021, 124070, 124094, 124110, 124641, 124745, 124770,  
 124837, 125430, 125597, 125695, 125816, 125876, 126143,  
 126237, 126238, 126344, 127414, 127570,

## (2)

116240, 116395, 117045, 117259, 118460, 118591, 118882,  
 118999, 119074, 119137, 119328, 119418, 121020,

## Amendment Proceedings

The amendments proposed by Council of Scientific and Industrial Research in respect of Patent No. 111491 as advertised in Part III, Section 2 of the Gazette of India dated the 22nd May 1971 have been allowed.

## (2)

The amendments proposed by Phillips Petroleum Company in respect of Patent No. 115134 as advertised in Part III, Section 2, of the Gazette of India dated the 22nd May 1971 have been allowed.

## (3)

The amendments proposed by N. V. Philip's Gloeilampenfabriken in respect of Patent No. 121621 as advertised in Part III, Section 2 of the Gazette of India dated the 22nd May, 1971 have been allowed.

## Renewal Fees Paid

58307, 58326, 58370, 58373, 58450, 58512, 59016, 61542  
 61548, 61622, 61638, 61666, 61705, 61706, 61744, 61830  
 62071, 65026, 65027, 65110, 65188, 65227, 65267, 65282,  
 65284, 65370, 65431, 65796, 65976, 65984, 68647, 68872  
 68873, 68874, 68897, 68978, 69081, 69086, 69089, 69605  
 70550, 72318, 73083, 73234, 73249, 73372, 73373, 73407  
 73445, 73483, 73511, 73542, 73568, 73569, 73581, 73647  
 73751, 73860, 74054, 74106, 74194, 77932, 78203, 78235,  
 78314, 78362, 78417, 78439, 78445, 78457, 78482, 78488  
 78633, 78907, 79126, 79484, 79878, 79880, 80915, 81733  
 82970, 83495, 83936, 83962, 83963, 83972, 84007, 84010,  
 84016, 84071, 84098, 84117, 84121, 84134, 84156, 84170,  
 84208, 84298, 84302, 84342, 84353, 84378, 84379, 84601  
 84765, 84819, 84991, 85035, 85476, 85651, 87791, 88093,  
 88095, 88784, 89221, 89583, 89604, 89605, 89689, 89733  
 89736, 89745, 89753, 89828, 89880, 89881, 89884, 89932,  
 89977, 90037, 90064, 90135, 90136, 90137, 90581, 90698,

91246, 95300, 95336, 95429, 95430, 95454, 95458, 95460,  
 95466, 95483, 95487, 95488, 95497, 95507, 95524, 95542,  
 95606, 95613, 95624, 95626, 95630, 95669, 95680, 95681,  
 95682, 95772, 95825, 95839, 95870, 95891, 95949, 96005,  
 96120, 96190, 97056, 97222, 99990, 100975, 101181,  
 101182, 101304, 101317, 101354, 101357, 101381, 101391,  
 101397, 101416, 101418, 101420, 101428, 101441, 101553,  
 101556, 101558, 101559, 101565, 101605, 101790, 101797,  
 101798, 101815, 101885, 101891, 102025, 102079, 102119,  
 102669, 105234, 106742, 106743, 106768, 106782, 106784,  
 106798, 106812, 106887, 106888, 106890, 106900, 106901,  
 106902, 106905, 106909, 106926, 106968, 106974, 107009,  
 107010, 107044, 107067, 107090, 107105, 107132, 107136,  
 107214, 107248, 107249, 107251, 107253, 107254, 107398,  
 107415, 107465, 107475, 107476, 107516, 107517, 107518,  
 107519, 107520, 107521, 107589, 107638, 107968, 108080,  
 108203, 108234, 108502, 108862, 109236, 111186, 111261,  
 111919, 112076, 112187, 112234, 112259, 112311, 112313,  
 112367, 112371, 112412, 112414, 112473, 112516, 112529,  
 112611, 112620, 112725, 112745, 113002, 113167, 113338,  
 113556, 113744, 113745, 113850, 113859, 115745, 116812,  
 117218, 117497, 117754, 117761, 117821, 117982, 118193,  
 118599, 123405,

## Cessation of Patents

56990, 91993, 91994, 97453, 102506, 102507, 102508, 105518.

## Restoration Proceedings

## (1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patents :—

No. 57815—Pranjivandas Ghakubhai Gandhi.

Title : "Improved collapsible steel shutter gate and the like".

The patent ceased on the 8th April 1961, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 9th March 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 23rd October 1971.

## (2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 83920—Sushil Kumar Sen

Title : "Improved flat paper file".

The patent ceased on the 29th August 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 9th October 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 30th October 1971.

## (3)

Notice is hereby given that an application has been made under section 16 of the Indian Patents and Designs Act, 1911 for restoration of following patent :—

No. 105780—Gangadhar Vaman Pendse.

Title :—"Automatic cop-changing attachment for an ordinary over-picking power loom".

The patent ceased on the 17th June 1970, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 28th August 1971. Any person may give notice of opposition to the restoration by

leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 30th October 1971.

(4)

An order has been made on the 21st August 1971, restoring the patent No. 79098 dated as of the 4th November 1960 granted to Ford Motor Company of Canada Limited for "improvements in or relating to tractor hydraulic system".

(5)

An order has been made on the 21st August 1971, restoring the patent No. 102448 dated as of the 10th November 1965, granted to Bhaskar Prem Mitra for "elliptograph".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 3, No. 138516. Ishwarlal Hansraj Shah, an Indian 53, Gyan Nagar, Lokmanya Tilak Road, Borivali West, Bombay 92, Maharashtra, "Slicer", March 19, 1971.

Class 3, No. 138523. Mrs. Usha Puri, C/o, G. C. Khanna, Zaver Mahal, 1st Floor A4, 66, Marine Drive, Bombay-20, State of Maharashtra, India, "Containers", March 23, 1971.

Class 3, No. 138621. Kuldip Kumar Goel, an Indian National, 25/67 Shaktinagar, Delhi-7, "Baby feeder", April 16, 1971.

Class 3, No. 138630. B. K. Plastics Private Limited, A 207 Defence Colony, New Delhi 3, India, a Company incorporated in India, "Cup", April 20, 1971.

Class 3, No. 138652. Babuji Shilpi, An Indian Citizen, 'Anita' Flat No. 62, Mount Pleasant Road, Bombay 6, Maharashtra, India, "Revolving chair", April 30, 1971.

Class 5, No. 138650. T. M. Industries, an Indian Partnership firm, 325, 3rd Floor, A to Z Industrial Estate, Ferguson Road, Bombay 13, Maharashtra, "Playing cards", April 30, 1971.

Class 11, No. 138359. Kiran Industries, (an Indian Partnership Firm), 99, Chakla Street, Bombay 3, Maharashtra "Underwear", January 27, 1971.

Class 11, No. 138360. Kiran Industries, (an Indian Partnership Firm), 99, Chakla Street, Bombay 3, Maharashtra, "Sanitary refill pad", January 27, 1971.

#### Copy right extended for a Second Period of Five Years

Design Nos. 126914, 122988, 122989, 128130, Class-1.  
Design Nos. 129258, 129630, 129874, 129875, and 129593, Class-3.

Design No. 129667, Class-4.

#### Copyright extended for a Third Period of Five Years

Design Nos. 110757, 110301, 110373, 110374, and 110878, Class-1.

Design Nos. 110300, 110302, 110310, 110375 to 110377, Class-3.

#### NAME INDEX FOR APPLICANTS FOR PATENTS FOR THE MONTH OF AUGUST, 1971 (NOS. 132317 to 132729).

Name & Application No.

#### A

Abolevich, I. G.—132514.

Adhikari, K. K.—132546.

African Explosives and Chemical Industries Ltd.—132543.

Agfa-Gevaert N. V.—132462, 132621.

Ahmedabad Textile Industry's Association—132318.

Agiebolaget Bofors—132506.

Aktieselskabet De Danske Sukkerfabrikker.—132366.

Alcan Research and Development Ltd.—132486, 132576.

Alves, G. J.—132700.

AMP Inc.—132407.

Anchor Hocking Corp.—132542.

Andriewsky, M. S.—132377.

Anfruns, L. S.—132369.

Ashworth Bros., Inc.—132437.

Associated Engineering Ltd.—132419, 132450.

Associated Minerals Consolidated Ltd.—132559.

Asterton Ltd.—132335.

#### B

Babcock & Wilcox Co. The—132563.

Badische Anilin- & Soda-Fabrik Aktiengesellschaft.—132334, 132566.

Bahl, K. N.—132624.

Bajaj, J. C.—132362.

Bajoria, R. S.—132422, 132593.

Balasubramaniam, S.—132537, 132538.

Bapat Brothers—132635.

Barmag Barmen Maschinenfabrik Aktiengesellschaft.—132522.

Basu, B. B.—132616.

Battelle Development Corp. The—132324.

Beecham Group Ltd.—132666.

Benderovsky, V. V.—132331.

Beni Ltd.—132663.

Berg, I. V.—132625.

Bhagal, N. A. (Mrs.)—132636.

Bhatia, N. D.—132613.

Bhattacharjee, R. K.—132500.

Bloisi, A. D. I.—132497.

Borgs Fabriks Aktiebolag.—132577.

Boyle, D. G.—132405.

Braun, A.—132610, 132611, 132612.

Braun Aktiengesellschaft.—132705, 132706.

Brico Engineering Ltd.—132426, 132427, 132485, 132505.

British Leyland Truck and Bus Division Ltd.—132349.

British Oxygen Co. Ltd. The—132724.

Broken Hill Proprietary Company Ltd., The—132504.

Buckman Laboratories, Inc.—132618.

Bunker Ramo Corp.—132568.

Butlers Ltd.—132557.

#### C

Cambridge Consultants Ltd.—132665.

C.A.V. Ltd.—132460.

Celanese Corp.—132428.

Chang, C. M.—132711.

Chasmawala, F. A.—132414.



## Name &amp; Application No.

## Name &amp; Application No.

Chaudhary, A. G.—132535, 132536.  
 Chhabria, B. H.—132478.  
 Chief Scientist, in the Research & Development Organisation,  
 Government of India, New Delhi—132469, 132470.  
 Chief Scientists, Research & Development Organisation  
 Ministry of Defence, Govt. of India, New Delhi—132396,  
 132397, 132398, 132399, 132400.  
 Chinoín Gyógyászati Vegyeszeti Termékek Gyára Rt.—  
 132348.  
 Chugunov, J. A.—132625.  
 Ciba-Geigy AG.—132553, 132575, 132651  
 Ciba of India Ltd.—132336, 132677.  
 Clayton Dewandre Co. Ltd.—132544.  
 Colebrand Ltd.—132608.  
 Combustion Engineering, Inc.—132605  
 Compnet N. V.—132641.  
 Connick, E. L. G. D.—132703.  
 Conradty, C.—132376, 132519.  
 Cotton, Inc.—132516.  
 Council of Scientific & Industrial Research—132327, 132328,  
 132329, 132330, 132403, 132423, 132445, 132582, 132604,  
 132614, 132694, 132715, 132716.

## D

Degtyareva, I. M.—132514.  
 Delhi Cloth & General Mills Company Ltd. The—132644  
 Desai, K. B.—132717.  
 Desai, M. H.—132326.  
 Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler.—  
 132375.  
 Dey, M. M.—132374.  
 Dey, M. S.—132374  
 Dow Chemical Co., The—132365, 132384, 132385, 132474.  
 Dowty Hydraulic Units Ltd.—132340.  
 Dowty Technical Developments Ltd.—132594, 132674,  
 132675.  
 Dresser Industries, Inc.—132518.  
 Dulmison (Australia) Pty. Ltd.—132322.  
 Dunlop Holdings Ltd.—132459, 132560, 132680, 132683.  
 Dutta, R.—132704.

## E

Eastman Kodak Co.—132657, 132681.  
 Edwin, D. J.—132637.  
 E. I. du Pont de Nemours and Co.—132454  
 Eli Lilly and Co.—132580, 132660.  
 Emhart Corp.—132629.  
 E. R. Squibb & Sons, Inc.—132619.  
 Etablissement Salgad.—132627.  
 Etablissements Pompes Guinard, Societe Anonyme—132558.  
 Etlis, V. S.—132514.

## F

Farbenfabriken Bayer Aktiengesellschaft—132323, 132372,  
 132484.  
 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lu-  
 cious & Bruning.—132355, 132363, 132364, 132584, 132646,  
 132647, 132648, 132653, 132729.  
 Fedotov, G. V.—132625.  
 L247 G1/71—2

Feltz, M.—132620.  
 F. Hoffmann-La Roche & Co., Aktiengesellschaft.—132495.  
 Fichtel & Sachs A. G.—132358, 132650.  
 Firestone Tire & Rubber Co. The—132642.  
 Fisons Ltd.—132449, 132678, 132679.  
 F. L. Smidth & Co. A/S.—132690.  
 I MC Corp.—132725.  
 Fosco International Ltd.—132693.  
 Foster, Yates & Thom Ltd.—132630.  
 Friedrich Unde GmbH.—132689  
 Freitas, A.—132319.  
 Frunzensky Politekhichesky Institut Ministerstva Narodnogo  
 Obrazovania Kirgizskoi SSR.—132686.

## G

Gadre, J. N.—132325.  
 Gandhi, J. J.—132477, 132718  
 Gardner, O. R.—132498.  
 Gebr. Böhler & Co. Aktiengesellschaft.—132451  
 General Electric Co.—132466.  
 George, C. L.—132561.  
 George, M. P.—132458.  
 George, P. V.—132554, 132579.  
 Gera, R. N.—132333.  
 Ghate, M. S.—132502.  
 Ghate, S. N.—132502.  
 Girling Ltd.—132383, 132556, 132573, 132588.  
 Glanzstoff AG.—132523.  
 Goel, T. C.—132539  
 Gopal, K.—132578.  
 Goodyear Tire & Rubber Co. The—132493.  
 Gorbachev, O. S.—132625.  
 Gosudarstvenny Vsesojuzny Nauchno-Issledovatel'sky Institut  
 Stroitel'nykh Materialov i konstruktsiy—132360.  
 Goswami, A. K.—132380.  
 Goupil, J. J.—132464.  
 Govind, M. P.—132402.  
 Govindarajan, N.—132603.  
 Graf & Cie. AG.—132490.  
 Green, E. H.—132480, 132583, 132695.  
 Gruzinsky Politekhichesky Institut Imeni V. I. Lenina—  
 132394.  
 Gupta, A. K.—132343, 132707

## H

Halcon International Inc.—132571.  
 Halifax Tool Co. Ltd.—132507.  
 Harish Engineering Works—132662  
 Hattiangadi, M. M. (Mrs.)—132532, 132533.  
 Hattiangadi, M. S. R. Dr.—132532, 132533.  
 Hayashibara, K.—132654.  
 Head of the Department of Space Engineering and Rocketry,  
 Birla Institute of Technology, Mesra, Ranchi (Bihar)—  
 132696.  
 Hindustan Lever Ltd.—132465, 132548  
 Hudson, L. G.—132567.  
 Imperial Chemical Industries Ltd.—132420, 132421, 132447,  
 132448, 132658

*Name & Application No.*

Indian Explosives Ltd.—132545.  
 Industrie Pirelli Societa Per Azioni.—132496.  
 Inventa AG fur Forschung und Patentverwertung Zurich—132685.  
 Institut Francais Du Petrole Des Carburants Et Lubrifiants.—132688.  
 Irani, S. F.—132719.  
 Itek Corp.—132429

*J*

Jaipur Metals & Electricals Ltd.—132633.  
 Janssen Pharmaceutica N. V.—132467.  
 Johns-Manville Corp.—132564.  
 Joseph Lucas (Industries) Ltd.—132418, 132592, 132639.

*K*

Kalra, D. V.—132596.  
 Kanegafuchi Kagaku Kogyo Kabushiki Kaisha.—132368.  
 Karail, V. N.—132615.  
 Karanjia, S. K.—132691.  
 Kattakayam, J. C.—132607.  
 Kerr-Mcgee Chemical Corp.—132589.  
 Khlebnikov, V. I.—132625.  
 Klöckner-Humboldt-Deutz Aktiengesellschaft —132461.  
 Koblents, M. G.—132626.  
 Kochhar, N. C.—132515.  
 Koninklijke Nederlandsche Gist-En Spiritusfabriek N. V.—132491.  
 Korneichuk, V. M.—132331.  
 Krishnan, N.—132632.  
 Krishnaswamy, A. B.—132344.  
 Kumar S. B.—132656.  
 Kumar, V.—132707.  
 Kungursky Mashinostroitelny Zavod.—132661.  
 Kuraray Co., Ltd.—132457.  
 Kurgansky Zavod Medpreparatov.—132412.

*L*

Lamson Industries Ltd.—132702.  
 Laxman, K. V.—132404.  
 L. Givaundan & Cie Societe Anonyme.—132652.  
 Lysenko, A. P.—132331.

*M*

Mahodaya, A. K.—132712, 132713, 132714.  
 Mahtani, V. K.—132371.  
 Mansukhani, G. R.—132655.  
 Marshall's Tea Machinery Co. Ltd.—132382.  
 Mathew, A. S.—132501.  
 Mehra, D. D.—132444.  
 Meiji Seika Kaisha, Ltd.—132701.  
 Merck & Co. Inc.—132430, 132550.  
 Meshechkin, I. I.—132625.  
 Minnesota Mining and Manufacturing Co.—132609.

*Name & Application No.*

Mistry, K. F.—132709, 132710.  
 Mitskevich, G. F.—132626.  
 Modular Wall Systems, Inc.—132581.  
 Mondal, G.—132616.  
 Mondal, P. G.—132500.  
 Montecatini Edison S.p.A.—132453.  
 M-R-S Manufacturing Co.—132570.  
 Mus, R. C.—132494.

*N*

Naidu, M. V.—132416.  
 Nair, K. P. A.—132643.  
 Nair, K. P. R. K.—132643.  
 Nanavati, M. M.—132529.  
 National Aeronautics and Space Administration—132482.  
 Nayar, K. M.—132476.  
 Nederlandse Organisatie Voor Toegepast-Natuur-Wetenschappelijk Onderzoek Ten Behoeve Van Nijverheid Handel En Verkeer—132481.  
 Nedschroef Octrooi Maatschappij N. V.—132417, 132638.  
 Neivell Ceramics & Refractories Ltd.—132479.  
 Nippon Kayaku Co. Ltd.—132390.  
 Norton Co.—132436.  
 N. V. Philips Gloeilampenfabrieken—132379, 132585, 132597, 132598, 132599, 132600, 132601, 132602, 132634.

*O*

Osborn, R. O.—132405.  
 Österreichisches Stickstoffwerke—132352.

*P*

Palkhiwala, J. P.—132606.  
 Panicker G. S. N.—132345.  
 Parikh, H. L.—132586, 132587.  
 Parke-Cramer Co.—132410, 132411.  
 Paul, B. B. Dr.—132534.  
 Pavlova, T. V.—132514.  
 Pedersen, J. M.—132320.  
 Pennsylvania Engineering Corp.—132415, 132435.  
 Petzetakis, A. G.—132359.  
 Pfizer Inc.—132370, 132682.  
 Pierrel S.p.A.—132631.  
 Pilkington Brothers Ltd.—132367.  
 Pillai, K. S. P. M.—132395.  
 Polovets, E. J.—132626.  
 Polyair Schuhbedarf Ges.m.b.H.—132552.  
 Power, Inc.—132350.

*R*

Rao, C. I. S.—132526, 132527.  
 Rao, P. M.—132381.  
 Rao, S. N.—132346.  
 Raychem Corp.—132551.  
 Raytheon Co.—132433.  
 RCA Corp.—132321, 132547.  
 Rhone-Poulenc S. A.—132555.  
 Robert Bosch GmbH.—132472.  
 Roussel-Uclaf.—132432.

Roy, B. K.—132645.

Roy, P. R.—132353.

## S

Sahasrabudhe, M. B. (Dr.)—132676.

Samuel, S. S.—132404.

Sandoz Ltd.—132341, 132342, 132483, 132628, 132664, 132687, 132708.

Sandvikens Jernverks Aktiebolag—132525.

Sanghani, S. K. Dr.—132317.

Satyanarayana, V. S.—132720, 132721, 132722, 132723.

Saunders Valve Co. Ltd.—132574, 132590.

Schepotiev, A. I.—132331.

Schlumberger Overseas, S. A.—132431.

Scholle, W.—132717.

Secretary of State for Defence in Her Britannic Majesty's Government, of the United Kingdom of Great Britain &amp; Northern Ireland, The—132408.

Seperic.—132425.

Sherritt Gordon Mines Ltd.—132640.

Shreno Ltd.—132530, 132531.

Siemens Aktiengesellschaft.—132356, 132357, 132391, 132392, 132401, 132409, 132455, 132468, 132562, 132649.

Simon-Hartley Ltd.—132406.

Singer-Cobble Ltd.—132492, 132540, 132541.

Singh, N. K.—132508, 132509, 132510, 132511, 132512.

Singh, S.—132347.

Sivathanu, S. V.—132656.

Snam Progetti S.p.A.—132434.

Societe Technique Pour l'Utilisation De La Precontrainte (S. T. U. P.—Procédés treyssinet).—132591.

Spawks Engineering Private Ltd.—132446.

Spierings, F. H. F. G.—132684.

Staros, F. G.—132625.

Stork Amsterdam N. V.—132595.

Subramaniyan, T. S.—132528.

Sundra, S.—132413, 132438, 132439, 132489.

Swiss Aluminium Ltd.—132524, 132698, 132699.

## T

Takeda Chemical Industries, Ltd.—132452, 132473, 132521.

Telephone-U. Telegraphen-fabrike-Aktiengesellschaft Kapsch &amp; Sohne in Wien—132623.

Texaco Development Corp.—132456, 132549.

Transformatoren Union Aktiengesellschaft.—132393.

Treadwell Corp.—132727.

Truth Tape Corp.—132463.

Tugnait, J. K.—132707.

## U

Ugine Kuhlmann.—132339, 132728.

Unifoam A. G.—132622.

Unoroyal, Inc.—132503.

Uniroyal Inc.—132572.

Universal Electric Co.—132378.

Universal Oil Products Co.—132697.

Upjohn Co. The—132565, 132667, 132668, 132669, 132670, 132671, 132672, 132673, 132726.

Uss Engineers and Consultants Inc.—132351, 132659.

Usv Pharmaceutical Corp.—132361.

## V

Vaessen-Schoemaker Holding N. V.—132569.

Vaidya, K. V. Mrs.—132440, 132441, 132442, 132443.

Vaidya, S. R. Mrs.—132440, 132441, 132442, 132443.

Vaidya, R. H.—132440, 132441, 132442, 132443.

Vaidya, V. H.—132440, 132441, 132442, 132443.

Valkov, V. M.—132625.

Vallak, E.—132692.

Varma, M.—132471.

Vasant Engineering Ltd.—132617.

Veb Filmfabrik Wolfen—132520.

Venkataraman, P.—132499.

Venkatesan, S.—132424.

Venugopalan, C. V.—132517.

Vereinigte Österreichische Eisen-und Stahlwerke Aktiengesellschaft.—132487.

Vergiliev, O. M.—132331.

Voith Getriebe Kg.—132488.

Voltas Ltd.—132337, 132338, 132386, 132387, 132388, 132389.

Vsesojuzny Nauchno-Issledovatel'sky i proektny Institut Aljuminievoi Magnievoi le. Elektrodoi promysblennosti.—132513.

Vsesojuzny nauchno-Issledovatel'sky i proektno-konstruktorshy Institut metallurgicheskogo mashinostroeniya—132332.

## W

Williams, C.—132475.

W. J. Harris (Birmingham) Ltd.—132373.

## X

Xavier, K. K.—132354.

## Y

Yasyrebov, I. A.—132331.

## Z

Zhukov, E. I.—132625.

S. VEDARAMAN,  
Controller-General of Patents, Designs  
and Trade Marks.

